



# **German Deep-Water Coral Research**

**Andre Freiwald**  
**University of Erlangen**  
**[www.cool-corals.de](http://www.cool-corals.de)**

*Deep Water Coral Meeting, Tampa, November, 2002*

# Andre Freiwald - Geobiologist

## ■ Introduction

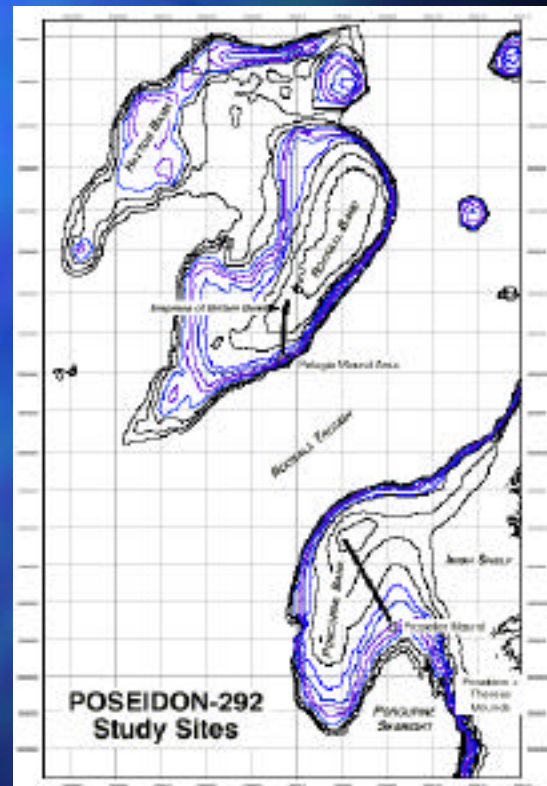
- Center for interdisciplinary deep-water coral research
- C4 Professor with new Institute of Paleobiology under construction
- Co-ordinator of the 5FP ACES

- Region of Interest

- Atlantic/Mediterranean

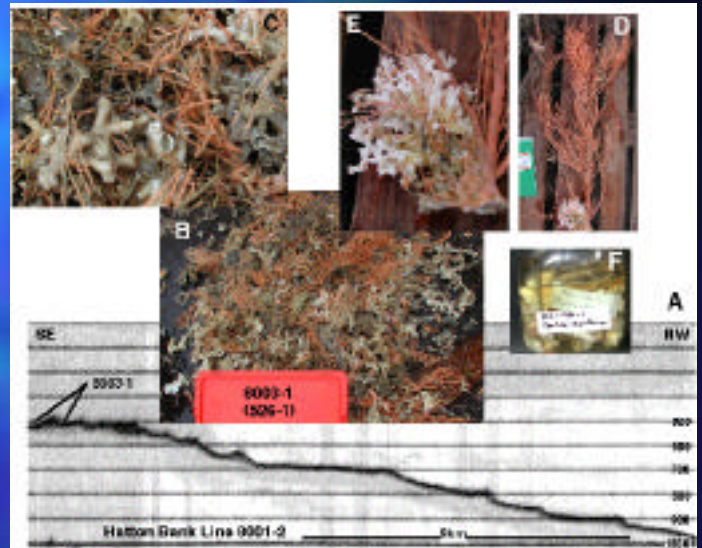
## ■ Major Research Interests

- Ecology and paleobiology of corals
- Paleoceanography



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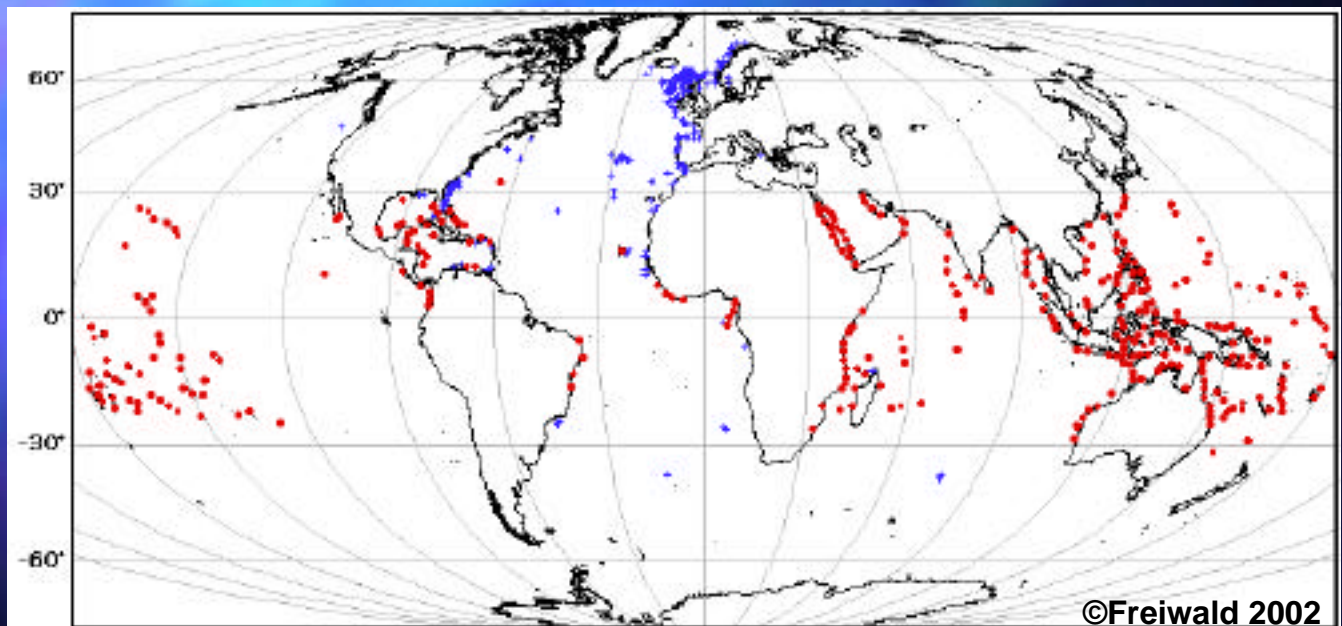
- 2003 Activities
  - EU 6FP 'Ocean Margin Life'
  - Deep water coral reef observatory
  - ESF Euromargin Project
    - Compare glaciated, periglacial and non-glacial Lophelia reef biodiversity over last 35ky
  - Drilling with PROD to 150 m
  - Fossil Lophelia in Mediterranean
  - Bioerosion quantification of cold water carbonates in Sweden



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## ■ Long term Interests

- Understanding geo-biological archive of deep-water coral buildups



The warm-water versus the cold-water coral realm  
Note that the deep South Atlantic, Indian Ocean and  
Pacific Ocean are poorly studied.

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